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KARMAKER ET AL.

FILING

GROUP

(Use several sheets if necessary) 08/01/2003 **U.S. PATENT DOCUMENTS** FILING DATE *EXAMINER DOCUMENT NUMBER NAME CLASS SUBCLASS DATE INITIAL IF APPROPRIATE 11-27-1962 Bowen 3,066,112 CLD 3,179,623 04-20-1965 Bowen 07-13-1965 Bowen 3,194,784 08-07-1973 3,751,399 Lee, Jr. et al 12-16-1975 Lee, II et al. 3,926,906 10-01-1985 Waknine 4,544,359 4,547,531 10-15-1985 Waknine 01-05-1988 Goldberg et al. 4,717,341 4,894,012 01-16-1990 Goldberg et al. 01-04-1994 Waknine 5,276,068 000 10-15-1996 5,564,929 Alpert **FOREIGN PATENT DOCUMENTS** TRANSLATION CLASS SUBCLASS DOCUMENT NUMBER DATE COUNTRY YES NO **PCT** 03-26-98 WO 98/11842 ao 2 730 627 08-23-96 France (20 CW 1.180.326 07-30-1957 France 06-18-1987 (Li) 2 616 653 France 557,756 05-09-1923 France Ced OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) PCT International Search Report, August 17, 2000 uvInternational Preliminary Examination Report, October 4, 2001 (Q) DATE CONSIDERED 3-17-05 EXAMINER aril onxer

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		U.S	. PATENT	DOCUMENTS				, ,		
*EXAMINER DOCUMENT NUMBER DATE			NAME		С	LASS	SUBCLASS		FILING DATE IF APPROPRIATE	
cee	5,919,044	07-06-1999	Sicurell	i, Jr. et al.						
	6,030,220	02-29-2000	Karmal	cer et al.						
	6,039,569	03-21-2000	Prasad	et al.	П					
	6,428,319	08-06-2002	Lopez e	t al.						
	6,447,297	09-10-2002	Lopez e	t al.						
	3,919,774	11-18-1975	Fishma	n				- <i>:</i>		
	5,074,792	12-24-1991	Bernad	at						
	5,595,486	11-23-1999	Manoch	12						
	5,989,032	11-23-1999	Reynau	d et al.						
V	6,028,125	02-22-2000	Combe et al.							
ODD	3,813,779	06-04-1974	Tosti			1		1		
		FORE	IGN PATE	NT DOCUMENTS						
DOCUMENT NUMBER DATE				COUNTRY	c	LASS	SUBC	LASS	TRANS YES	LATION NO
CED	1 412 077	10-29-1975	UK							
CLO	2 669 211	05-22-1992	France							
(e0	DE 34 08 503 A1	09-27-1984	Germai	ny					1	
Ceo	DE 35 04 472 A1	07-24-1986	Germai	ıy					1	
COO	DE 35 12 938 A1	10-16-1986	Germai	ny						
	OTHER DOCUMEN	NTS (Includin	g Author	, Title, Date, Pertinent I	Pages	s, Etc.)				
Cho	DENTSPLY PRODUCT INFORMATION "DENSFIL" [http://www.mailefer.com/html/obturation.html]. May 2001.									
COO	DENTSPLY PRODUCT http:/www.xray.essix.co May 2001.	INFORMATIO	N "THEF endomain.	RMASYSTEM PLUS OBT html].	'URA'	TION SY	STEM	ir T	·	
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		U.S	S. PATENT DOCUMENTS			
'EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CLD	4,936,776	06-26-1990	Kwiatkowski			
	5,067,900	11-26-1991	McSpadden			
	5,073,112	12-17-1991	Weil			
	5,083,923	01-28-1992	MeSpadden			
	5,104,321	04-14-1992	Filhol			
	5,752,825	05-19-1998	Buchanan			
	5,833,457	11-10-1998	Johnson			
	5,833,464	11-10-1998	Foser			
	6,254,392 07-03-2001		Mannschedel et al.			
	Re. 35,070 10-24-1995		Fitzmorris			
w	5,409,378 04-25-1995		Pohi	1		
		FORE	EIGN PATENT DOCUMENTS			
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
Ceo	DE 35 13 864 A1	10-30-1986	Germany			
ceo	DE 38 39 466 C2	06-22-1989	Germany			
ceo	DE 41 03 355 A1	06-08-1992	Germany			
(00	WO 93/19687	10-14-1993	PCT			
	OTHER DOCUM	ENTS (Includir	ng Author, Title, Date, Pertinent	Pages, Etc.	.)	
Ces	SOFTCORE DENTAI [http://www.variodent May 2001.	PRODUCTS PR .at/grossha/02200	ODUCT INFORMATION "SOFTC 0/soft-core.html.	ORE"		
EXAMINER	Cary EO Con	nek	DATE CONSIDERED 3-17-05			
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			U.S	. PATENT	DOCUMEN	ITS						
EXAMINER DOCUMENT NUMBER INITIAL		DATE	NAME		CLASS		SUBCLASS		FILING DATE			
œ	5,588,835 12-31-1996 K		Kert									
i	5,80	3,736	09-008-1998	Merritt,	Jr.							
	5,83	3,464	11-10-1998	Foser						-		
	5,88	2,196	03-16-1999	Kert								
	5,94	8,129	09-07-1999	Nonami	et al.							•
	5,18	1,850	01-26-1993	Neumey	er	_						
	5,38	2,161	01-17-1995	Roane								
	6,01	6,010,335		Kert								
	6,01	6,012,924 01		Reynau	d et al.							
V	6,024,565 02-1		02-15-2000	Sicurelli	l et al.	1 ***						
CO	6,183,253		02-06-2001	Billet et	Billet et al.				\			
			FORE	IGN PATE	NT DOCUM	ENTS						
	DOCUMENT NUMBER		DATE	COUNTRY		CLASS		SUBCLASS		TRANS	LATION NO	
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			U.S	S. PATENT	DOCUMENTS						
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Ceo	277,943		05-22-1883	Richmo	ond	١		\			
	674,419		05-21-1901	Kinsma	n						
	1,463,963		08-07-1923	Miller							
	1,469,992		10-09-1923	Card							
	1,641,844	-	09-06-1927	Fisher							
	1,649,508		11-15-1927	Carmic	hael						
	3,504,438 04-07-1970		Wittma	n et al.							
	3,318,000		05-09-1967	Paris							
	3,740,851		06-26-1973	Weissman							
V	3,855,702	855,702 . 12-24-1974		Malmin							
(20)	3,899,830 08-19-1975		Malmin								
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ATTY DOCKET NO. SERIAL NO JPP-1230CIP3A 10/633610 INFORMATION DISCLOSURE CITATION KARMAKER ET AL. (Use several sheets if necessary) FILING **GROUP** 08/01/2003 3730 **U.S. PATENT DOCUMENTS** EXAMINER FILING DATE SUBCLASS DOCUMENT NUMBER DATE NAME CLASS INITIAL IF APPROPRIATE 3,919,774 11-18-1975 Fishman CUD 04-13-1976 3,949,479 Malmin 3,968,567 07-13-1976 **Nevins** 4,050,156 09-27-1977 Chasanoff et al. 4,253,829 03-03-1981 Adelberger 4,253,835 03-03-1981 Ware 08-10-1982 Hodosh 4,343,608 4,407,675 10-04-1983 Hodosh 4,480,996 11-06-1984 Crovatto 4,480,998 11-06-1984 Carse 4,505,675 03-19-1985 Albert Ces **FOREIGN PATENT DOCUMENTS** TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES (Including Author, Title, Date, Pertinent Pages, Etc.) OTHER DOCUMENTS DATE CONSIDERED EXAMINER 3-16-05

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FILING	GROUP :

(Use several sheets if necessary) 5 73d 08/01/2003 **U.S. PATENT DOCUMENTS** FILING DATE 'EXAMINER DOCUMENT NUMBER NAME CLASS SUBCLASS DATE IF APPROPRIATE INITIAL 4,525,147 01-25-1985 Pitz COD 09-24-1985 Bushway 4,543,065 4,622,012 11-11-1986 **Smoler** 4,657,592 04-14-1987 Takubo 07-21-1987 Lapcevic 4,681,545 08-04-1987 4,684,555 Neumeyer 4,738,616 04-19-1988 Reynaud 07-19-1988 Johnson 4,758,156 08-23-1988 Riazi 4,766,200 03-21-1989 Wang 4,813,876 01-16-1990 4,894,011 Johnson COD **FOREIGN PATENT DOCUMENTS** TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED 3-17-05 **EXAMINER**

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ATTY DOCKET NO. JPP-1230CIP3A

SERIAL NO.

KARMAKER ET AL.

FILING GROUP 3730 08/01/2003 **U.S. PATENT DOCUMENTS** FILING DATE 'EXAMINER DOCUMENT NUMBER NAME CLASS SUBCLASS DATE IF APPROPRIATE INITIAL 4,931,096 06-05-1990 Fujisawa et al. COD 08-28-1990 Schiwiora et al. 4,952,150 5,051,093 09-24-1991 **Fitzmorris** 5,064,373 11-12-1991 Staubli et al. 02-04-1992 Johnson 5,085,586 02-18-1992 Lee 5,088,183 5,089,183 02-18-1992 Johnson 5,092,773 03-03-1992 Levy 03-24-1992 Johnson 5,098,298 06-02-1992 Johnson 5,118,297 leo 11-24-1992 5,165,893 **Thompson** FOREIGN PATENT DOCUMENTS TRANSLATION CLASS SUBCLASS DOCUMENT NUMBER DATE COUNTRY YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED **EXAMINER** 3-17-05

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		U.S	S. PATENT DOCUMENTS				
'EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS FILING DA		
COD	5,171,146	12-15-1992	Guerci				
	5,181,850	01-26-1993	Neumeyer				
	5,215,461	06-01-1993	Riazi				
	5,232,440	08-03-1993	Wilk				
	5,275,562	01-04-1994	McSpadden				
	5,286,193	02-15-1994	Roane				
	5,286,423	02-15-1994	Johnson				
	5,326,263	07-05-1994	Weissman				
/	5,328,367	Johnson					
V	5,328,372 07-12-1994		Reynaud et al.				
	5,372,759 12-13-1994		Johnson				
		FORE	GIGN PATENT DOCUMENTS				
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